MISSOURI BOTANICAL GARDEN

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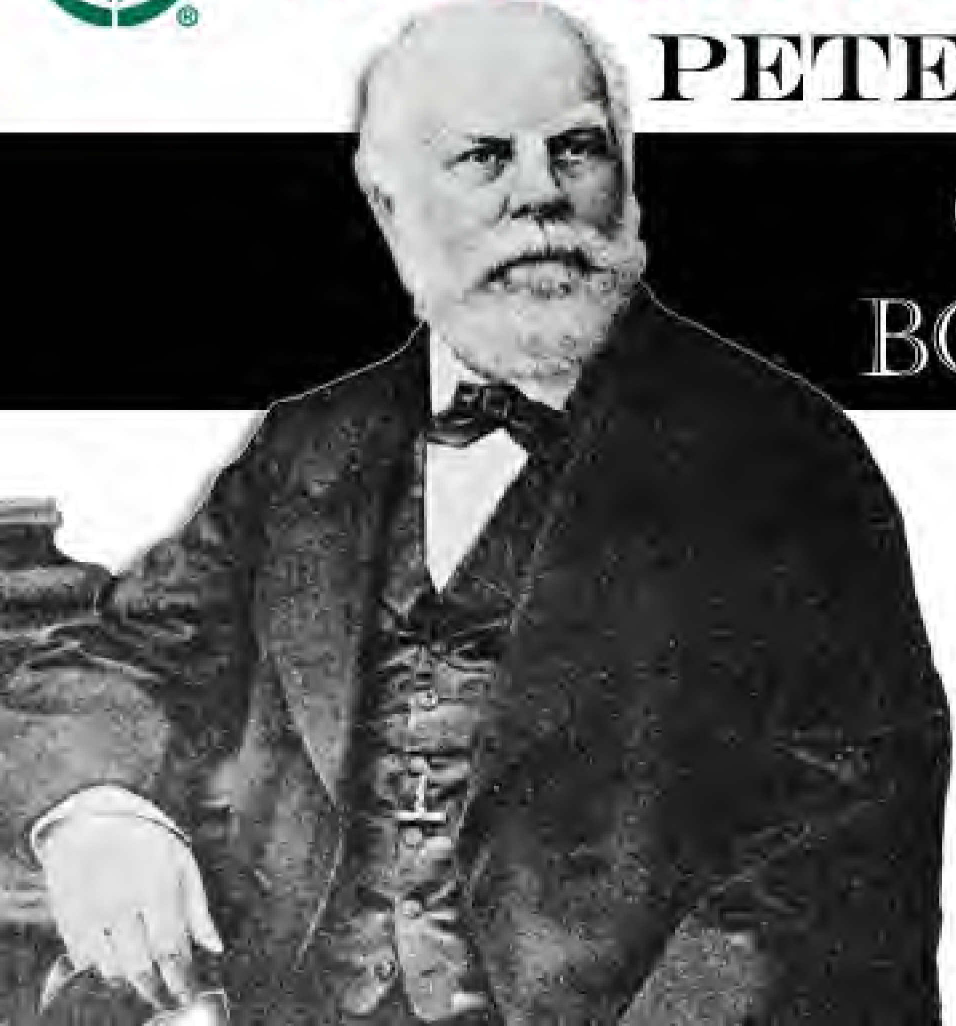
GEORGE ENGELMANN BOTANICAL NOTEBOOKS



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

OFFICE OF THE
Enno Sander Chemical Manufacturing Co.
No. 24 South Second Street,
Laboratory, 209, 211 & 213 Myrtle St. Warehouse, 218 Myrtle St.
J. L. Howard, President.

Fendler

St. Louis, Feby. 13d 1872.

Lieber Herr Doctor,

Heute habe ich erfahren daß die Smelting Co. für McArdle [illegible] hat, u. dieselbe in kurzer Zeit hier errichtet wird. Die Angelegenheit ist nur deshalb von Wichtigkeit weil ich dadurch den Bescheid erhalten habe, daß Howard es nicht wagt, selbständig mit dem Aufbauen der Öfen vorwärts zu gehen. Ich weiß daß Mc Ardle andere Sachen im Sinne hat u. nicht immer Lust für Howard arbeiten, sondern denselben wird verdrängen wollen, wenn er nichts Besseres finden kann. Ich hoffte in solcher Weise Gelegenheit zu finden für Ihren Bruder zu arbeiten, doch glaube annehmen zu dürfen [illegible] Einfluß auf McArdle zu haben.

Achtungsvoll Ihr
Enno Sander.

Murray says in Journ Hort Soc. III.

July 1863

A. lasiocarpa, Oregon Com. Rep. (or "Balfouri") is not, as stated, Jeffrey's 393 but 409. – 393 is the jagged-bracted, small coned "amabilis". [our grandis]

but the large coned plant is very peculiar. Its seeds have produced trees with foliage like "A. amabilis (Douglas' grandis)" distichous, no stomata on upper side".

Remark by G. E. 1872: Is there not confusion again? Figure of cones and bract as well as short curved leaves indicate it to be magnifica, and not the long-leaved, so called, lasiocarpa or more properly Lowiana form of grandis

no!

(1875) Jeffrey 409 in Hb Edinb. has short notched leaves and I take it to be grandis var.

Jeffrey 393 in Hb Edinb is a long leaved grandis (or var amabilis), of the large cone, with elongated bracts really belongs here.

393 in Hb Edinb has long leaves
393 in Oregon Com Rep. has short curved leaves and large cone.

10522

Kew Sept 1869

1839 Lindley in Botan Reg. Miscellaneous Notices [Appendix] 1839

p. 62 — Mexican pines sent by Hartweg — as follows:

p. 62 P. Hartwegii tetraphylla — leaves 6 inches or more long
cones oblong, 4" × 2" or more —

P. Devoniana cones 9–10 inches long — 3 inches diam near
base — 1½ at point — foliis longissimis

p. 63 P. Russelliana cones 7–8" long 2" near the base, almost
acute — leaves very long

P. macrophylla leaves 14–15" long, cones 6–7" by 3"
near base, scales strongly hooked backward.
only one tree was found, of small size —

foliis tenuissimis glaucescentibus

P. pseudostrobus leaves fine & glaucous, cones
4 inches long, 1½ inches in breadth over the middle

P. apulcensis fol. 5nis tenuibus abbreviatis ramisque
glaucis; strobil. ovat. acut. leaves 6"
cones 4" Benth. Pl. Hartw. 1839 repeats the names only, p. 58

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1842 Kew Sept 11 1869 Loudon Arboret. abridged edit in 1 vol 1842 Compared Shaw's

P. Hartwegii according to Loudon is the [illegible] plant in which I named Montezumae, fide Loudon p. 1000
in Cultivation frequently — leaves in 4 mostly 6" long
cone 4 1/2 inch long scales even depressed in centre

P. Devoniana cones largest, 9–10 inches — knobby, leaves 8–9 inches long

P. Russelliana is similar, leaves more slender 7 1/2 inches long
cones 7 inch long, much more slender than the other last

P. Montezumae cones 9 in var Lindleyi longer.
scales of long cone not very knobby, but more so than Hartwegii appears intermediate between Hartwegii & Devoniana

P. macrophylla. cones ovate-elongate scales hooked backward. "differs from Russelliana in the longer leaves and shorter, stouter cones, scales strongly hooked backwards — Cones 6" long 3" at base — leaves 14–15 inches

P. pseudostrobus cones 4–5 inches leaves glaucous like strobus leaves 8 or 9 inches long scales not much knobbed

P. filifolia has cones much longer than macrophylla but similarly strongly knobbed leaves 12 or 14 inches
cones 7–8 inches long scales with thick blunt mucro

P. oocarpa 7 cotyl. in figure — oocarpoides not distinct

P. apulcensis = macrophylla cone! leaves 6–7 inches
cones 4 1/2 inch long

10524

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1853

Kew Sept 9 1869

Report of the Oregon Committee
was printed 1853 and distributed to subscribers who in 1850 had sent Mr John Jeffrey out to Oregon and California — never exactly published — it contains

1st page introduction and invitation to contribution for the continuation of Jeffrey's collections, signed "by order of the Committee, Andw Murray Secy.

3d page: names of plants of which specimens or seeds recd from Mr Jeffrey in boxes 5 and 6.

393. P.(icea) lasiocarpa cones 6 × 2 inches cedarlike, [see note on slip ~~last page~~] c. tab.

398 P. flexilis, Shasta, 8-9000'; 40' high at high elev. only 3 feet with tabular top. c. fig. — leaves 2.3.4 & 5

430 Abies Pattoniana Jeffrey — leaves ½ – ¾ inch long, curved, cones crowded on the branches elliptical, oblong, tapering slightly on both ends 2 – 2½" long — Cascade Mts 6000' c. tab.

— — — —

— — — —

618 Pinus Balfouriana Oreg. Com. leaves in clusters 2. 3. 4 and 5 1 inch long, ~~clustered~~ curved, glaucous below. Cones dark brown 4½ – 5" long, narrowing gradually to the summit Scales 1½ – 1¾" long ½" broad. Apophyses flattened 4-sided umbo dark brown, transversely elliptical. Seed with a mottled spermoderm, winged 3/10" long with wing abt 1" long — trees 80' high 3' diameter. Mountains between Shasta & Scotts Valley N. Calif. — 5–8000 feet elev. c. tab.

4th page

705 P. tuberculata lat 41 elev. 5000' c. tab.

P. monticola Trinity Hills North Calif. 7000' elev.

730 Juniperus dealbata Dougl. fide Lindley Shasta Butte above snow line. 2 feet high.

731 Pinus Jeffreyi, Oreg. Com Leaves 8–9" in 3d sheath 1¼ inch cones oval, 8" long 11" in circumference Scales 1½' long with hooked umbo — Seeds 4/10" long wing 1 inch long or rather more, beautifully marked with

dark striae — tree 150' high 4' diam Shasta Valley
[Tree as figured by Murray later, has drooping scattered branches, with bunches of leaves at the end.]
c. tab.

740. Pinus Murrayana Oreg. Com — leaves 2, 2½" long sheathes 2/10"
cones pendulous 2 - 2½" long scales 1" long 4/10" broad, elevated umbo ending in a short spine, the point of which is directed to the base of the cone. Seeds winged 3/10"
40' high — Siskyou Mt. lat. 43.30 7500' elev. c. tab.

743 Juniperus occidentalis Dougl

750 Thuja Craigana Oreg. Com. [is Libocedrus decurrens]
c. tab.

753 Pinus not yet received.

F Picea nobilis Shasta Mt.
G Pinus mitis Nesqually [Puget Sound] [contorta]
H. P. ponderosa Rose River Valley
I P. Lambertiana Klamet

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Hooker's Journal of Botany V. London 1853

p. 315 Botanical Expedition to Oregon.

— — we appeal against the mode adopted of making public (if indeed a printed communication without date or publisher be called so) the names of the new or supposed new plants discovered by Mr Jeffrey — namely, the registering provisionally names with "Oregon Committee" as authority

— — — Can the Oregon Committee for a moment suppose that a name thus thrust into the records of science will be respected, even if it should be registered in botanical works? — — — etc — — —

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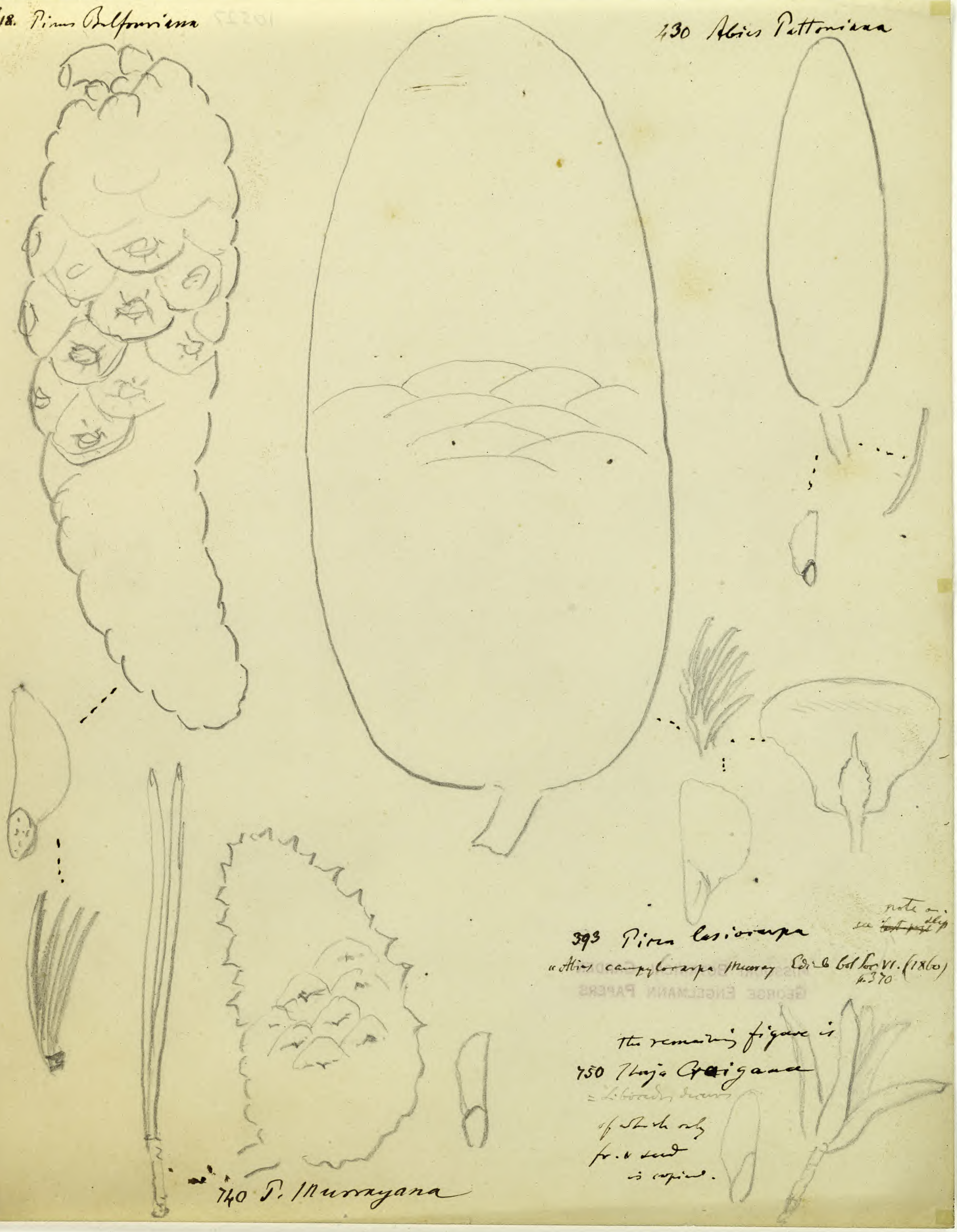


618. Pinus Balfouriana

430 Abies Pattoniana

393 Pinus lasiocarpa

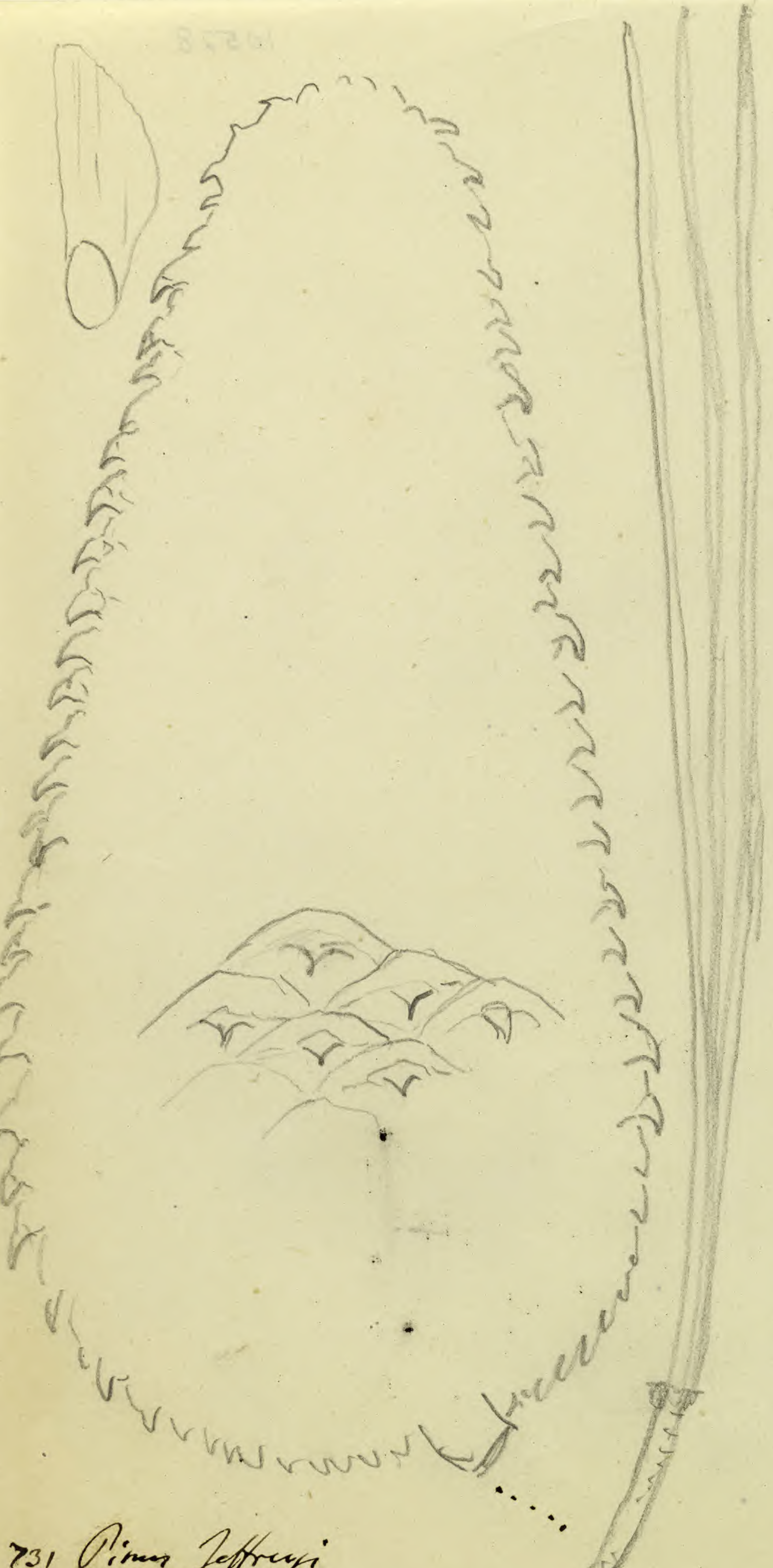
« Abies campylocarpa Murray Edinb bot Soc VI. (1860) p. 370

note on
see ~~last page~~ slip

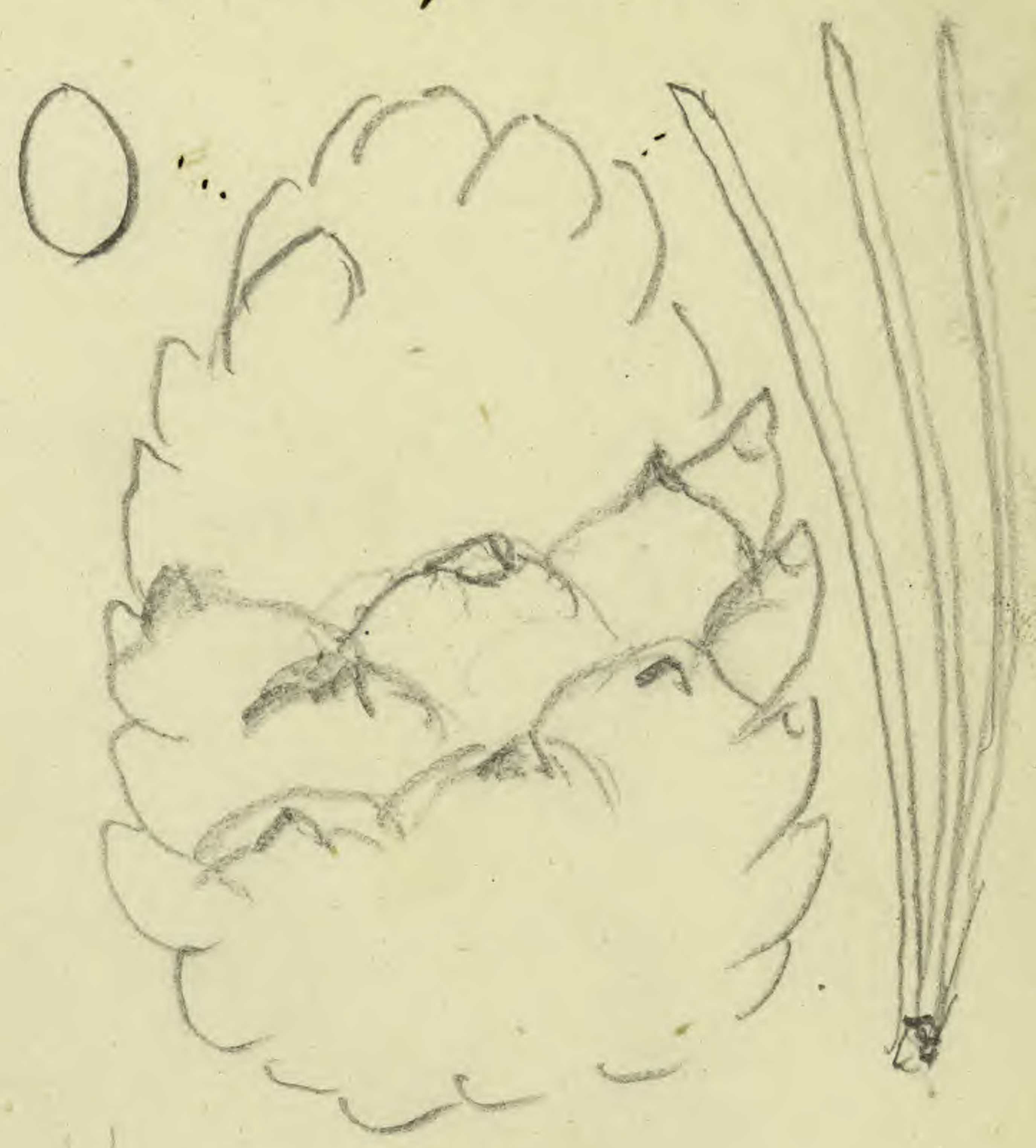
the remaining figure is
750 Thuja Craigana
= Libocedrus decurrens
of which only
fr. & seed
is copied.

740 P. Murrayana

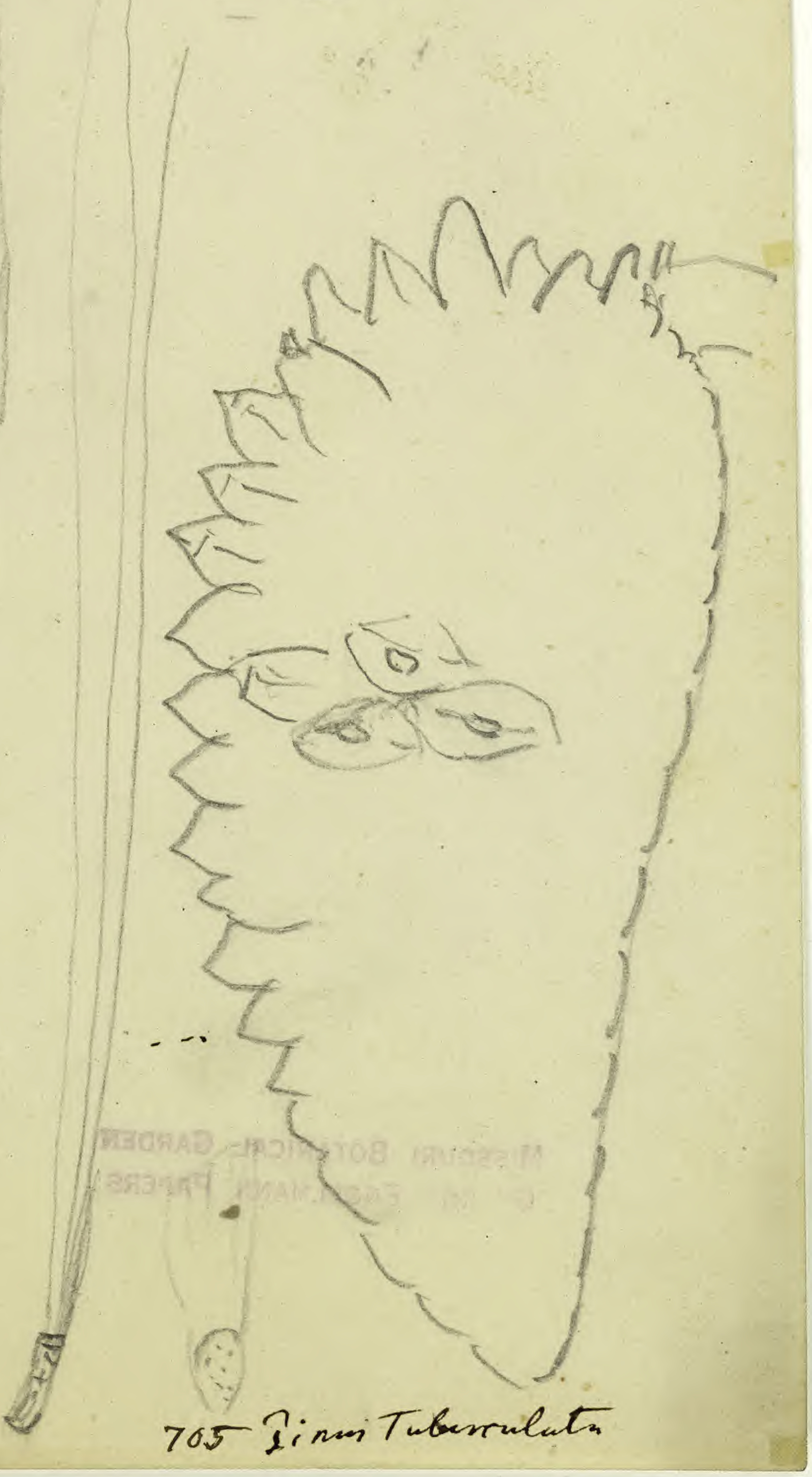
10527



731 Pinus Jeffreyi



398 Pinus flexilis



705 Pinus Tuberculata

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1858 – ~~1862~~

George Gordon, Pinetum, London 1858

p. 202 Pinus Craigana Gordon Sierra Nevada – ; cones bright glossy yellow free from resin – resembling P. pinaster, 6 inches long 2 in diam. Scales slightly elevated, cross-ridged, with a short straight sharp point. Tree resembles Benthamiana – [Is it my Geyser plant from Bolander?

a form of P. ponderosa

p. 217 P. Balfouriana, Jeffrey – – – "leaves quite entire" curved, cones 4–5 inches long – 80 feet high, 3 feet in diamet.

P. Lindleyana, Loudon name only in Catal. Conif.
Journ. Hort. Soc. V. 215 (1850)

Gordon 1858 gives first descript.? p. 229
and gives syn. P. Montezumae Lindleyi Loudon
P. rudis Endl.
leaves 9" cones 6-7" × 2" near base, scales nearly flat.

Icon. Cact. examinandae

~~Cactus Ackermanni Haw. Bot Reg. 16. 1331~~
~~hexagonus Lin. Andr. Rep. 8. 813~~
~~phyllanthoides DC. Bot Mag. 46. 2092~~
~~phyllanthus L. — " 53. 2692~~

10529B

10529A

Oregon Committee Report

the Com. beg to send a list of the names of the plants of which seeds were lately distributed, as named by Hooker, Lindley and Balfour, also figures and descriptions by Greville and Balfour.

The Com. have named the new ones after Lord Murray, Gibson-Craig, Hooker, Lindley, Balfour and Jeffrey, the collector

Odd meals & ~~[illegible]~~

Sept

Bkfst .50 Stage fare .50

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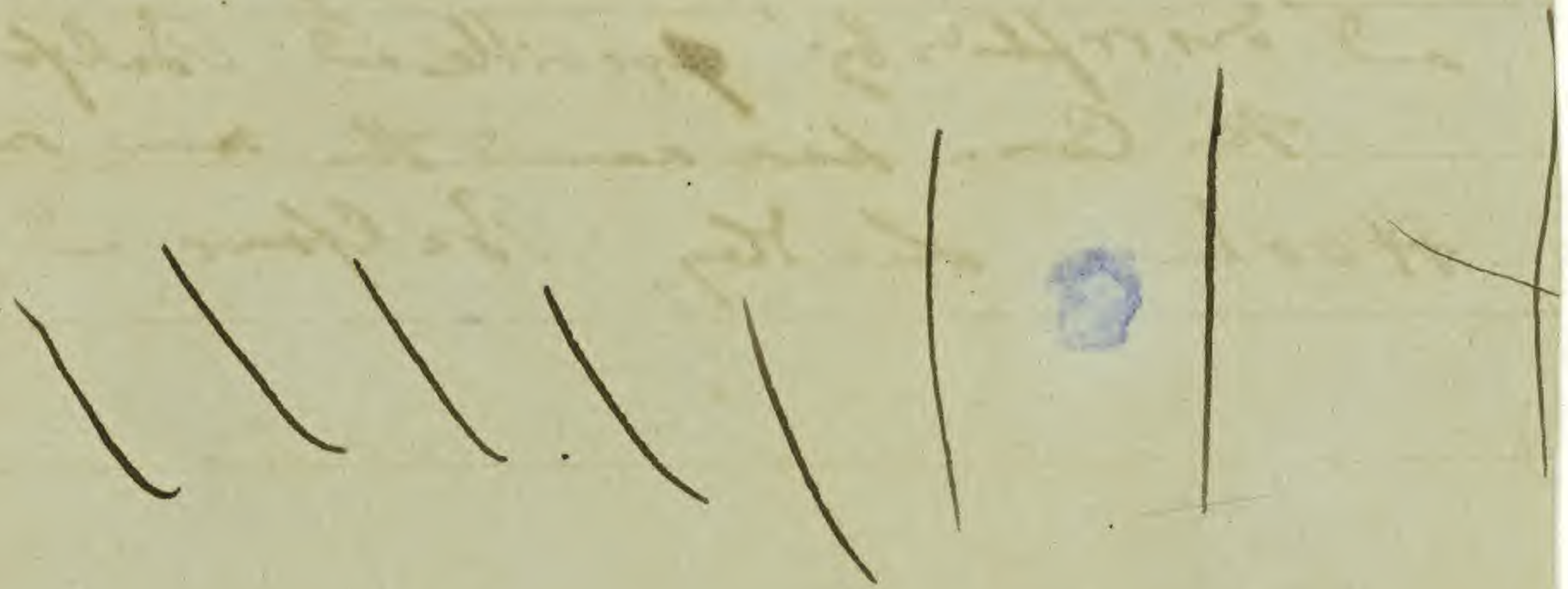

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1846? Journal Hortic. Society. II p. 189

Hartwegs Journal

p. 189

Another kind of Pine [he has been talking of P. Benthamiana — above Sta Cruz] that I found within a few hundred yards of the preceding species is, probably, the doubtful and little known P. Californica. The trees seem to be of slow growth and do not attain any great height, seldom more than 25 feet, by 8 inches in diameter. The leaves are in threes, 4½ inches long. Cones 5 to 5½ inches long by 2 broad; the outer surface curved, the inner straight; scales on the outer surface more developed, enclosing 2 small, flat, winged seeds. The cones are only produced on the main stem; when ripe of light brown color, & stand off nearly at a right angle; when old of a silvery grey, pressing firmly upon the stem, and remain on the trees for a series of years without

10531

opening or shedding their seeds".

That is all about it

Dear E, Here is extract — from Jour. Hort. Soc. 2. p. 189 — which I found & copied at Hort. Soc. Boston.

A happy New Year 1871 to you & Mrs. E.

Ever.

A. Gray